NAILS and IRONMONGERY, from BIRMINGHAM direct.

Builders, Contractors, and Others, supplied with Nails, Iron, and Ironmongery of every description, at the LOWEST BIRMINGHAM PRICES, a complete LIST of which will be forwarded upon application.

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PATENT WROUGHT NAILS.—These NAILS are submitted to the notice of Builders, Contractors, and ship-builders, as being superior to any others, and cheaper. They have the roughness of the best hand-made nails, with far greater uniformity of make. The flat-pointed rose nails are particularly recommended wherever oak or other hard wood is used; being printed chisel-pointed, they require no boring, and will drive into the hardest wood without splitting it, and their heads, being very strong, do not fly off. The cabinet wrought nails may be had of all ironmongers. A stock of them is kept at the warehouses of the patents, HIGGS and GEORGE, Wholesale Ironmongers, 179, Borough, London.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's).—J. J. JONES, having made great additions to his STOCK of PATTERNS, begs to inform the Trade that he can now supply them with Plain and Ornamental Iron Columns Girders, Railings, Gates, Iron Coping Balconies, Window Boards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Cast Balconies, Trellis Panelling, Lamp and other Brackets, Cantilevers, Bevel Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Plates, &c.

BAKERS' OVEN WORK, Purse Backs and Trivets, Rain Water Pipes and Gutters, Sash Weights, Furnace Bars, Stoves, Ranges, &c always in Stock.

FOUNDRY AND IRON WORKS, 9, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.

GLOVER, BROS.,

solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornaments, Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Ladders, and Steam-engine Hang-and Bed-plate Metal. An improved Sash Line adapted for internal work.

A large stock of Rain-water Pipes, Plain and Ogee Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 25 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fireproof Doors, Sash-sashes and Strong Rooms, Tanks and Boilers, and every description of Ironwork to specification, and the work executed with every attention to quality and despatch.

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TO BUILDERS AND PLUMBERS.

The attention of the Trade is called to

JOHN WARNER & SONS' PATENT VIBRATING STANDARD PUMP,

which is recommended for the simplicity of its construction, and the ease with which it works.

By the introduction of the vibrating standard, the cumbrous carriage and expensive slings and guides are unnecessary. Rendering the price considerably less than pumps made on the old plan.

Hoot and Water Engines for raising fluids from a depth not exceeding 28 feet; also, Garden Engines constructed on the same principle.

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THE GREAT EXHIBITION IN LONDON AWARDED A PRIZE MEDAL TO THESE MACHINES

PLANING MACHINE.

PATENT MACHINES, for Planing, Moulding, Mortising, Tenoning, Grooving, Sawing, and Boring as used by joiners, builders, cabinet-makers, railway carriage and wagon builders, cabinet manufacturers, piano-forte makers, &c. The principal Institutions for the Encouragement of Arts have awarded seventeen premiums to these machines; they have been found in every respect perfect in their operations, on either hard or soft wood, and will perform all the ordinary descriptions of work required in the above trades in a superior manner, at a greatly reduced cost. These machines are now used by the British, French, and American Governments, and by all the principal contractors, builders, and machinists in the United Kingdom.

They are also well worth the attention of all merchants and artizans who are trading with or emigrating either to Australia or any of the colonies, or other countries where the price of labour is high and difficult to obtain.

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Manufacturers of Bar Iron, Railway Bars, Forge and Engine Work, Cast-Iron Pipes, and

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IMPROVED REVOLVING IRON SHUTTERS are reduced in price and manufactured as under, as cheap as wooden shutters; they are much more secure and durable. Also, SMITH'S PATENT DOOR-SPRINGS, Weather-tight Fastenings, and Sill Bars for Casements, Lightning Conductors, Sash Lines, &c.—A. SMITH, 6, Prince-street, Leicester-square, London.

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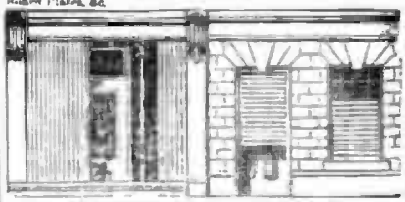

CLARK and CO., beg to refer Architects and Builders to "The Builder" of Oct. 16th, 1852, page 631, for a detailed description (with engravings to scale), of their IMPROVED PATENT REVOLVING SHUTTER, in IRON and WOOD; and to "The Builder" of Feb. 26th, 1853, page 124, for full-sized sections of their IMPROVED DRAWN METAL SASH BARS and MOULDINGS, feeling assured that the superiority and economy of their work will be appreciated by all, it being entirely performed by expensive machinery. Architects are invited to inspect the works, where samples and every information may be had, or will be sent by post, on application to CLARK and CO. Engineers, Patent Shutter Works, Gate-street, Lincoln's-inn-fields.

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Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

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TUPPER and CARR,

Owners of Crawford's Patents, and Possessors to

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supply patent Galvanized Sheets, plain or corrugated, for roofing, &c. Water or Gas Pipes, Casings, Wire of all gauges, Gumming, Hooping, &c. Wholesale, retail, and for export.

An allowance to the trade.

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JOHN SYMONDS and CO. solicit the attention of merchants, builders, contractors, and others to the improvements they have made in working CRAWFORD'S PATENT, by which they are enabled not only to preserve the toughness and ductility of the iron, but to supply galvanized sheet-iron and wire of every description, superior in all respects to that produced by any other process.

Estimates given for iron roofs, corrugated sheets, hurdles, wire for telegraphs, and submarine Cables, wire ropes, fencing, &c.

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And Cast, Drawn, or Stamped Metal Work of every description.

BUNNETT and Co. invite comparison, and challenge competition, either in Style, Quality, or Price.

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By Royal Letters Patent.

JOHN WALKER, SON OF THE PATENTEE, GENERAL CONTRACTOR.

Having extended his means for executing Orders, and Contracts for

CORRUGATED IRON BUILDINGS AND ROOFS,

Galvanized or otherwise, will be happy to wait, by appointment, on ARCHITECTS, ENGINEERS, &c.

Merchants are invited to ascertain his Prices for Shipping Orders. The Trade supplied with Corrugated Iron, Plain or Galvanized, or Iron Corrugated. References to Firms of the first class.

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The earnest attention of ARCHITECTS, ENGINEERS, &c. &c. is called to a particularly economical mode of erecting Fire-proof Floors capable of sustaining great weight, without any thrust against the walls. Any information, with Estimates, Drawings, &c. may be obtained at the Offices.

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GLOOMY and DARK ROOMS

ILLUMINED BY THE LIGHT OF DAY,

AND

WINDOWS SECURED AGAINST FIRE AND BURGLARY,

BY THE

PATENT COMBINATION REFLECTORS;

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A Description, post-free, on application to

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BRICK AND TILE MACHINES.

The Proprietors of HART'S PATENT BRICK and TILE MACHINES are now prepared to receive and execute orders with the least possible delay, but to prevent disappointment, they beg to state that they will rigidly adhere to the order in which they are received.

The advantages of the Brick Machine may be shortly described:—

1st. The clay is ground and the brick moulded by the same motion, and may be produced from clay that cannot be worked by hand.

2nd. The bricks are superior in quality to hand-made, being of a uniform density.

3rd. The bricks pass from the mould to the pallet-boards without injury by handling, and are much more ready for the clamp.

4th. Is self-acting, portable, dispenses with skilled labour, and enables a contractor to estimate his product with certainty.

5th. Is warranted with two-horse power to make 5,000 bricks per hour, and will continue in working order for years.

6th. Saves 5s. 6d. per 1,000 in labour above in the actual manufacture, but which will be found to be trifling compared with the enormous advantages in the use of uniform-pressed clay and the shortness of the time required between the mould and clamp.

The above statements will be fully borne out on reference to any person using a Machine, and are confirmed by the performances of a Machine at the Yorkshire Agricultural Show, on the 7th of August, when, after a severe test, a Prize Medal was awarded to the Inventor, when the Machine made 3,750 first-rate Bricks within the hour.

Price ..... £200, net.

THE DOUBLE-ACTION HOLLOW-BRICK AND TILE MACHINE

Is very simple in construction, made entirely of iron, and will make with great rapidity. Hollow bricks of all sizes, and pipes of 4 inches diameter, and mouldings of 6 inches diameter; has two receiving tables, and may be worked by hand, horse, or steam power; travels on wheels, and may be worked by any ordinary labourer. If required, the dies for Robert's Patent Hollow Bricks, as exhibited in Prince Albert's Model Cottages in Hyde-park, are manufactured for, and supplied with this machine.

Price for Hand Machine, complete..... £30, net.

Horse or Steam ..... 35, "

The price for horse work to drive one tile machine, 6l.; for two, 9l. 10s.; for three, 13l.

One horse will drive three machines.

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